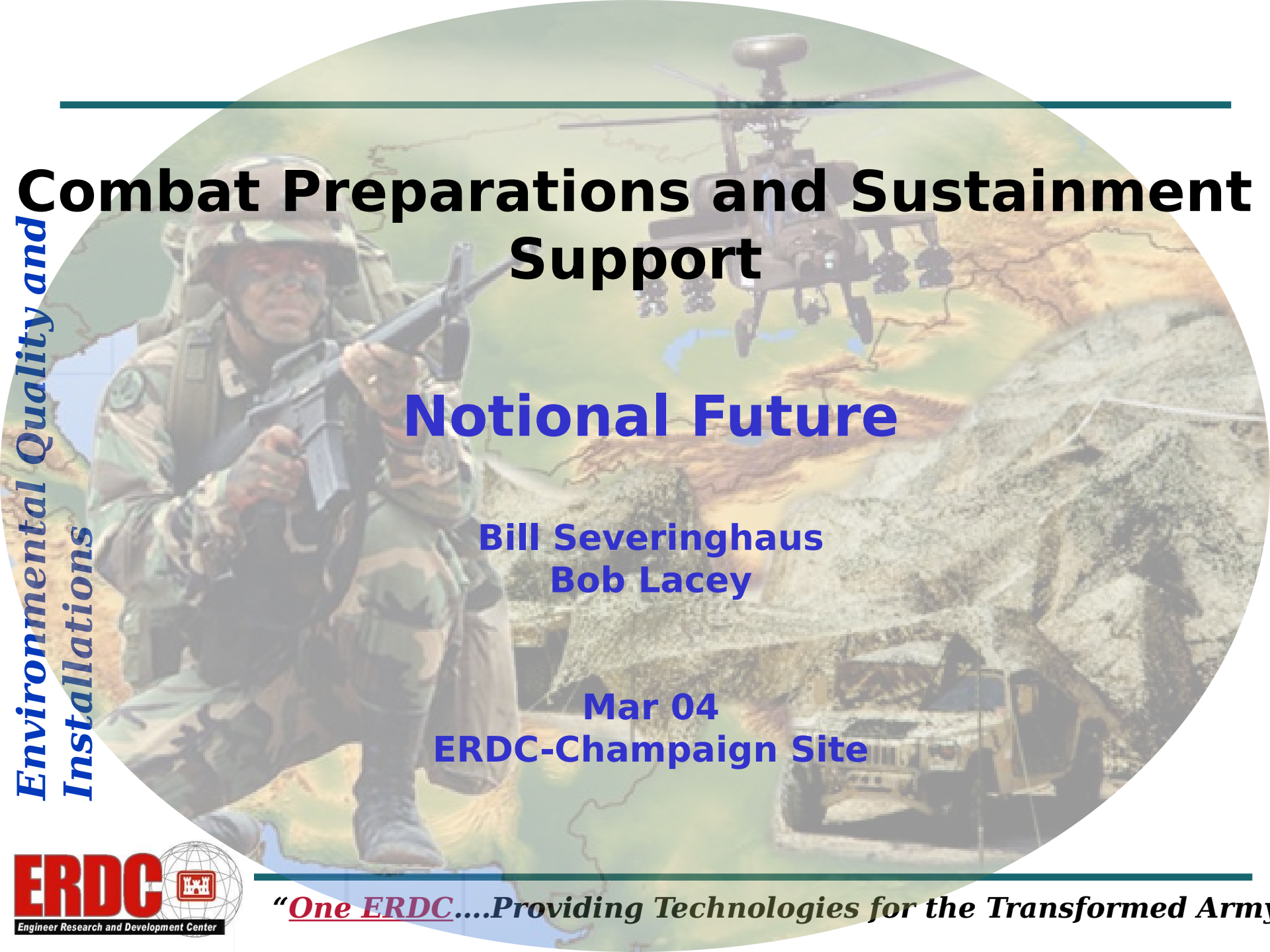

Combat Preparations and Sustainment Support

Notional Future

Bill Severinghaus
Bob Lacey

Mar 04
ERDC-Champaign Site

Environmental Quality and Installations

ERDC Engineer Research and Development Center

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Outline:

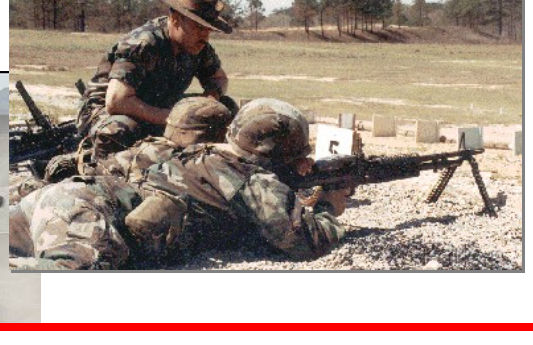
- Current, Intermediate and Long-Term Focus (Notional)
- “Train as You Fight”
- Co-Evolution of Operations and R&D

Present Focus – circa FY03/FY04

Combat Preparations

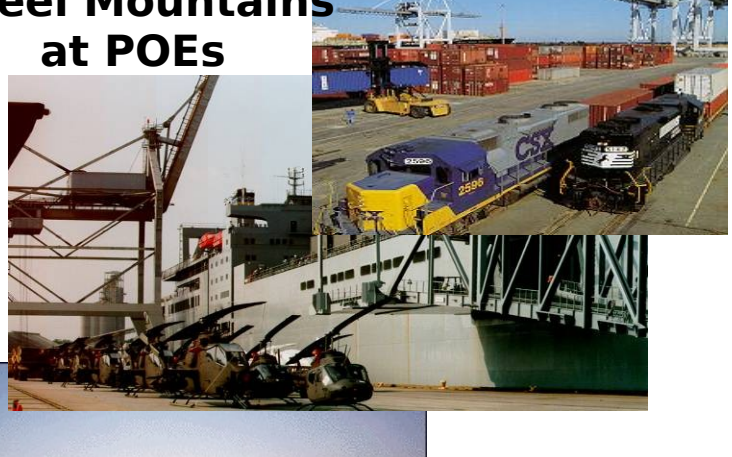
Urban Ranges

Small Arms

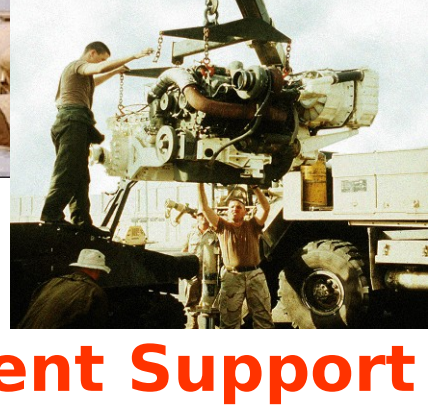


MPRCs

Steel Mountains at POEs



Pre-Positioning and Motor Pools



Sustainment Support

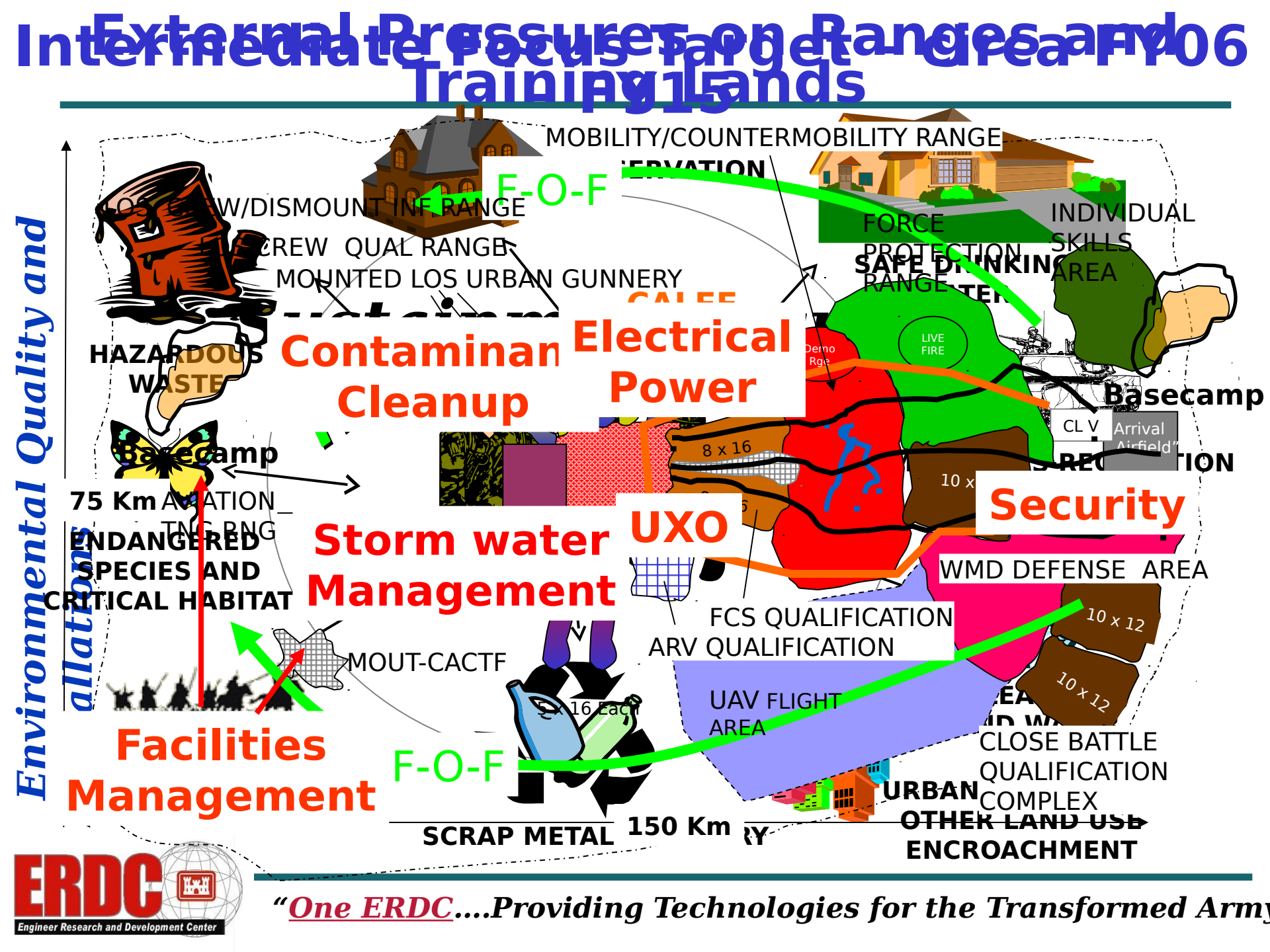
- Research Focus on Near-Term Problems
- Should not be our focus in 3 to 5 years

Environmental Quality and Installations

ERDC Engineer Research and Development Center

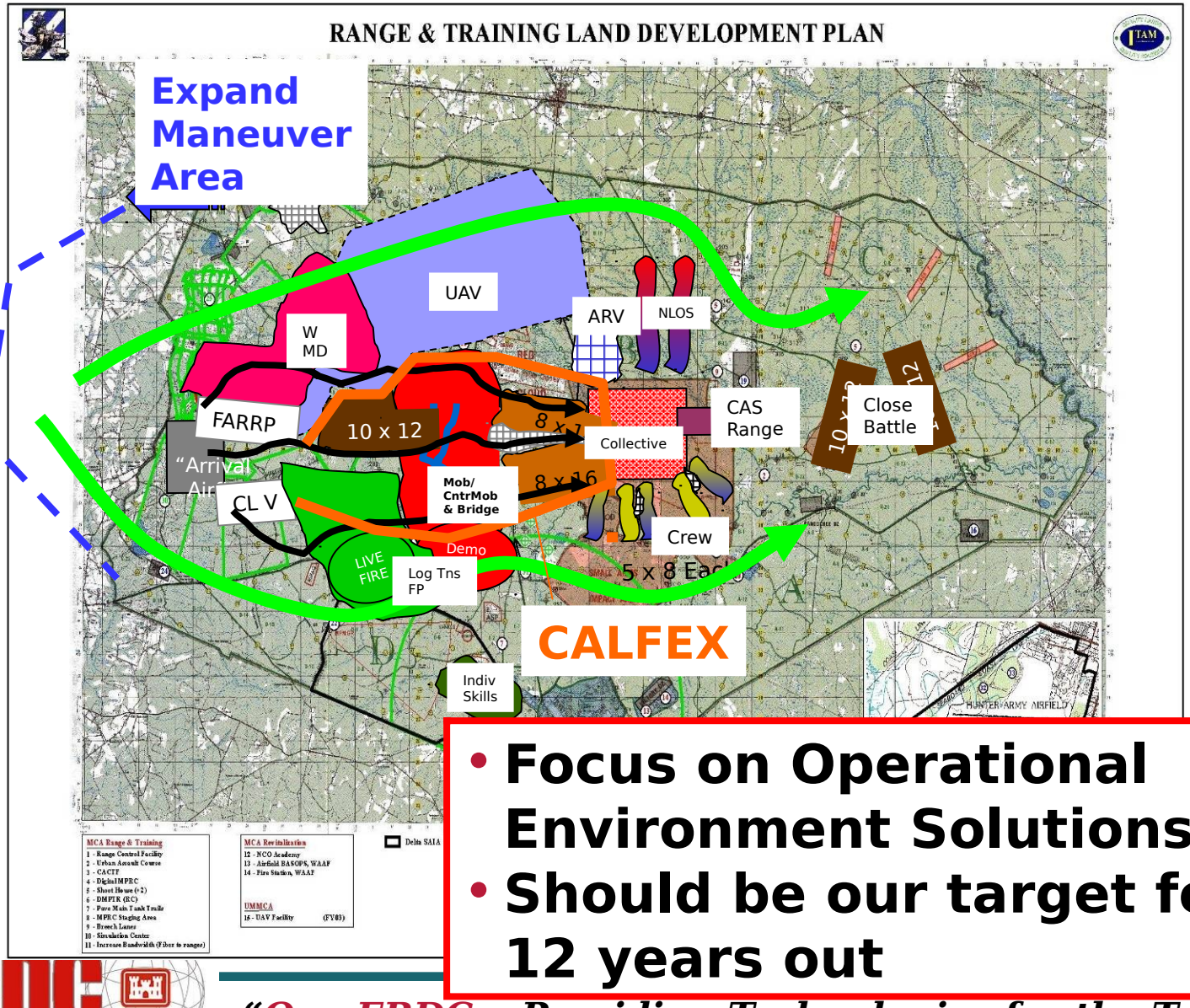
External Pressures on Ranges and Training Lands

Intermediate Focus Target Area FY06



Intermediate Focus Target – circa FY06 – FY15

Environmental Quality and



- **Focus on Operational Environment Solutions**
- **Should be our target for 3 to 12 years out**

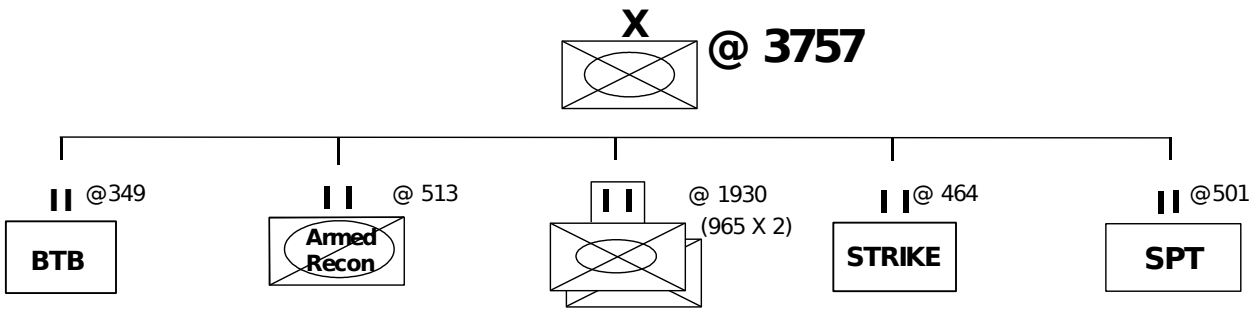
Future Force UA TOE – circa FY05 - FY25

UNCLASSIFIED

G-3 (FM)

"Our Army at War – Relevant and Ready"

Armored UA Design



HHC
- C2 Enhancements
  - o Increased staff
  - o Deputy Cdr
  - o 2 x M2 / BCV
  - o J FIRES (ECOORD, NLEC, J TACP)
  - o ADA/AVN STAFF
  - o SOF LNO
- MP Plt
- Security Plt
- SUAV

Signal Co
- BSB TACSAT Plt
- TOC NODAL Plt
- SIG SPT Plt
- NET OPS TM

MI Co
- ISR Analysis Plt
- ISR Integration Plt
- HUMINT Sec
- 1 Common Ground Station

HHC

3 Recce Troops
- 2 x Plts w/ 3 sections w/1 x M3/LRAS3
- Mortars (2)

Surveillance Troop
- TUAV Plt
- Multi Sensor Plt (PROPHET, GSR)
- NBC Recon Plt (2 x FOX)

Forward Support Co

HHC
- J TAC/FSE/ w/ 3x BFIST
- Sct Plt w/ 3 M2 and 5 LRAS3
- Mortars (4)
- Sniper Sec

2 x Mech IN Co
- 6 x INF Plts (36 squads)
- Co SUAV

2 x Tank Co
- Co SUAV

Eng Co

Forward Support Co

HHB

2 x Batteries
- Paladin 2 x 8

Target Acq Plt
- 1 x Q36
- 1 x Q37
- 4 x LCMR

UAV Plt
- TUAV
- SUAV

Forward Support Co

HHC
- Enhanced Staff
- SUAV
- Additional drivers

Maint Co

Distro Co

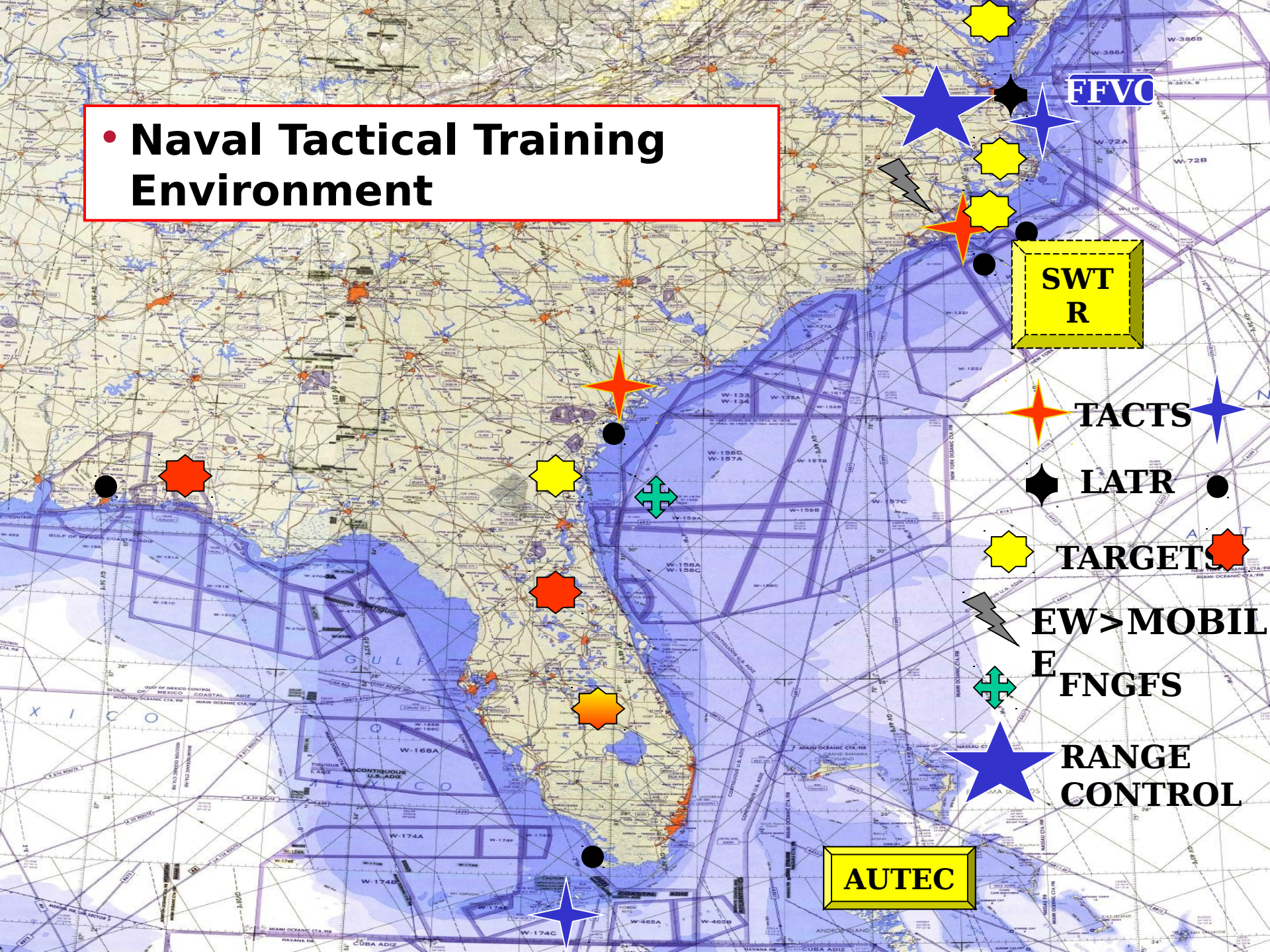
Med Co

APPROVED

For Implementation beginning with 3ID(M)

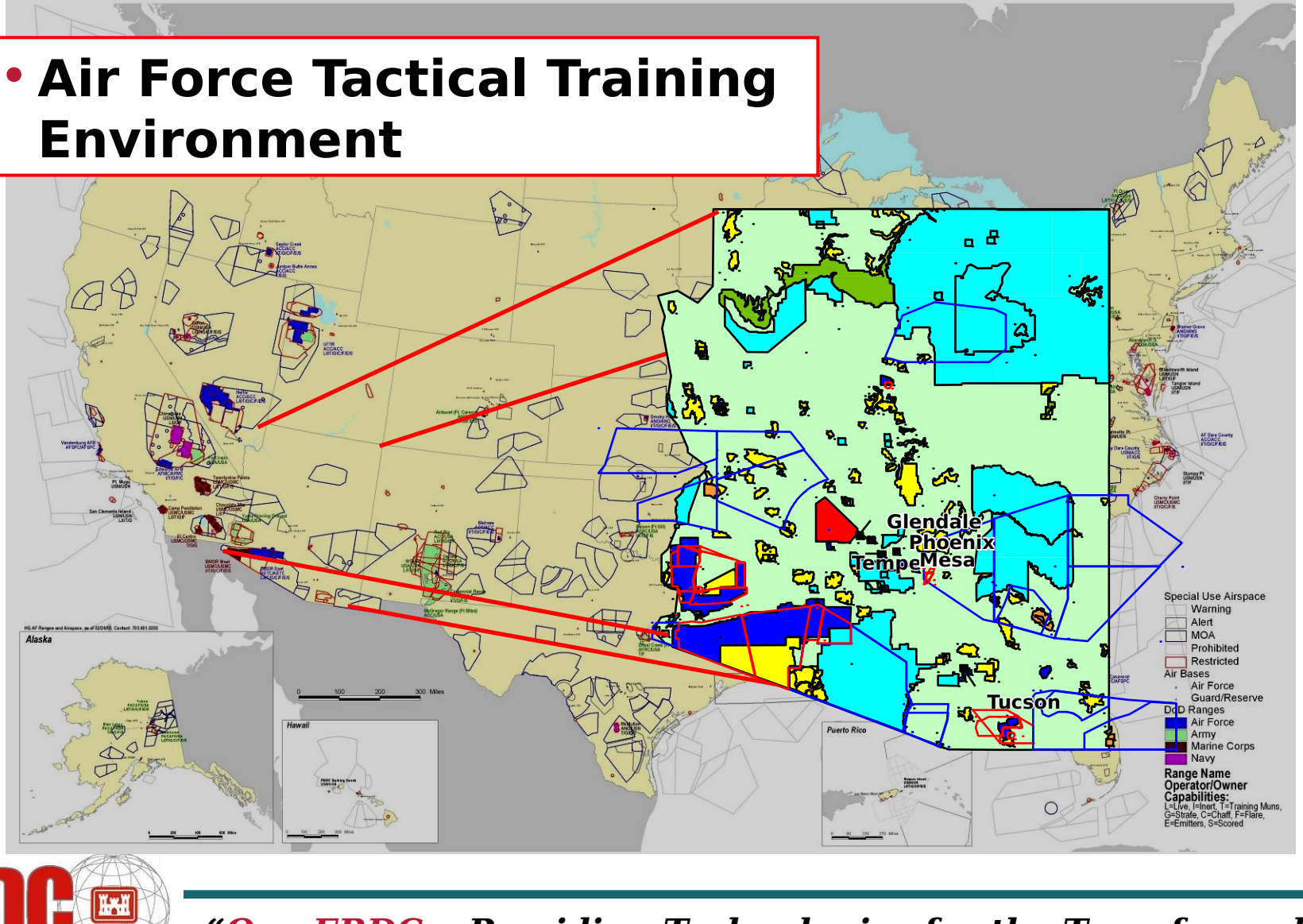
Approved Armored Bde UA Design v2.2 051500 Feb 04

UNCLASSIFIED


Naval Tactical Training Environment
FFVC
SWTR
TACTS
LATR
TARGETS
EW>MOBILE
FNGFS
RANGE CONTROL
AUTEC

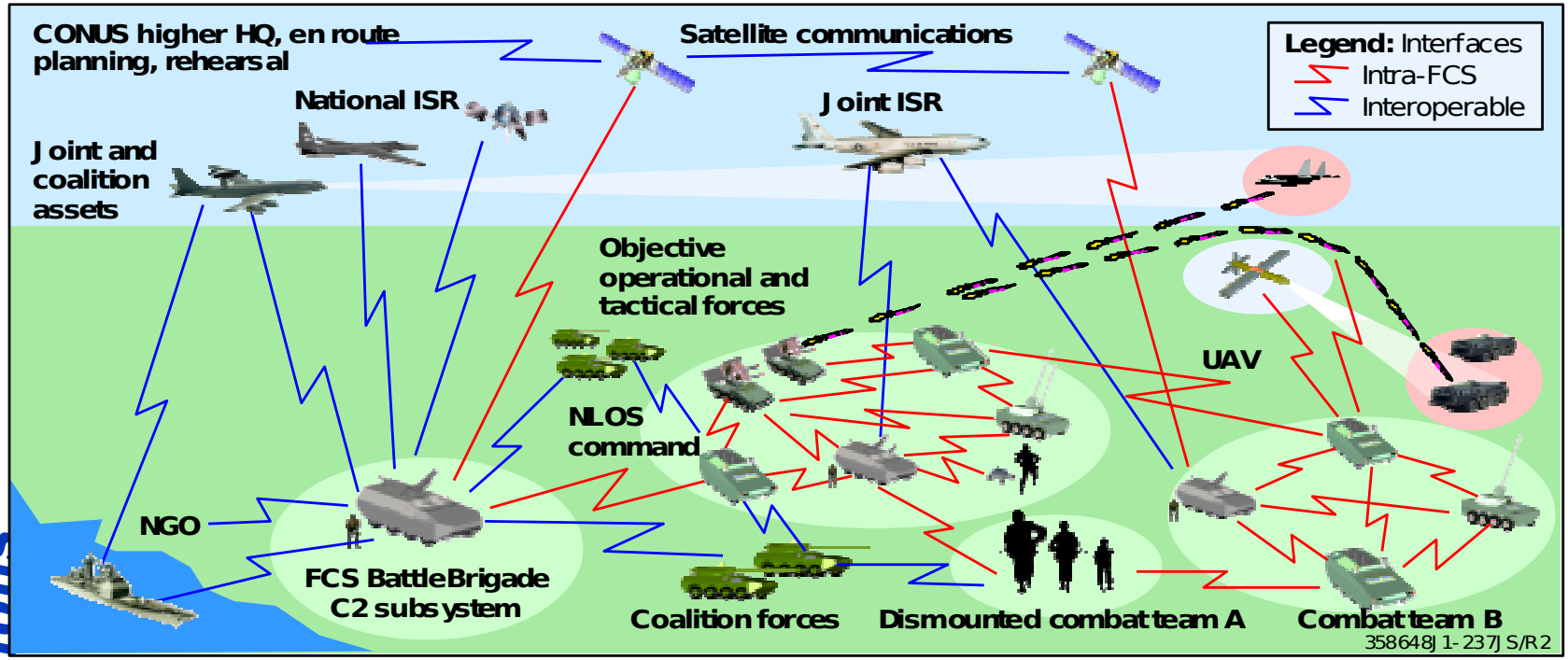
Air Space Training Environment

- **Air Force Tactical Training Environment**



Environmental Quality and Installations

Long-Term Focus Target – circa FY15 – FY25



Future Combat System (FCS)

Unit of Action (UA) =

(UE)

- **Focus on Leap-Ahead Innovation to Support Strategic Solutions**
- **Should be our target for 12 to 20 years out**

Environmental Quality and Installations

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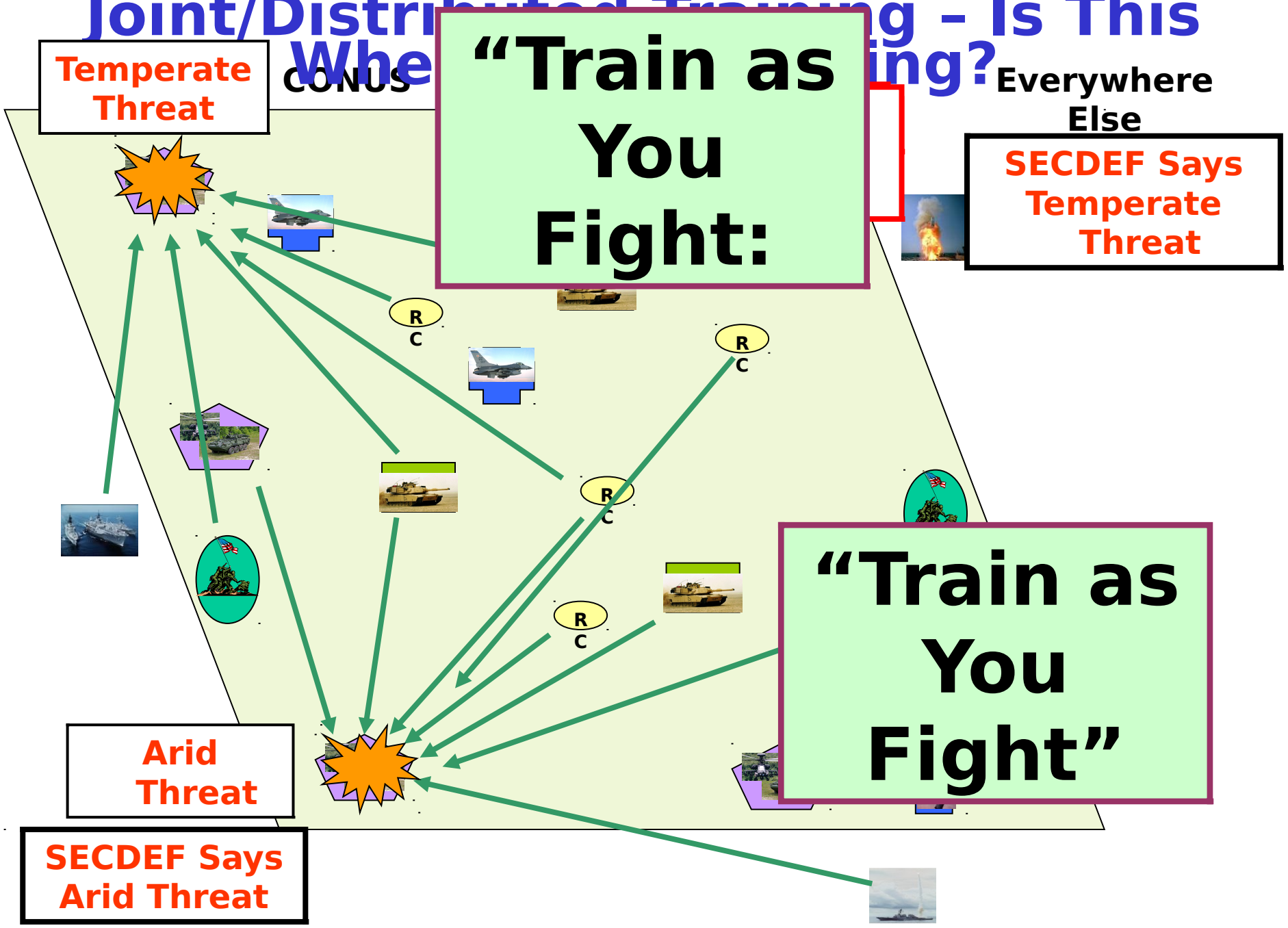
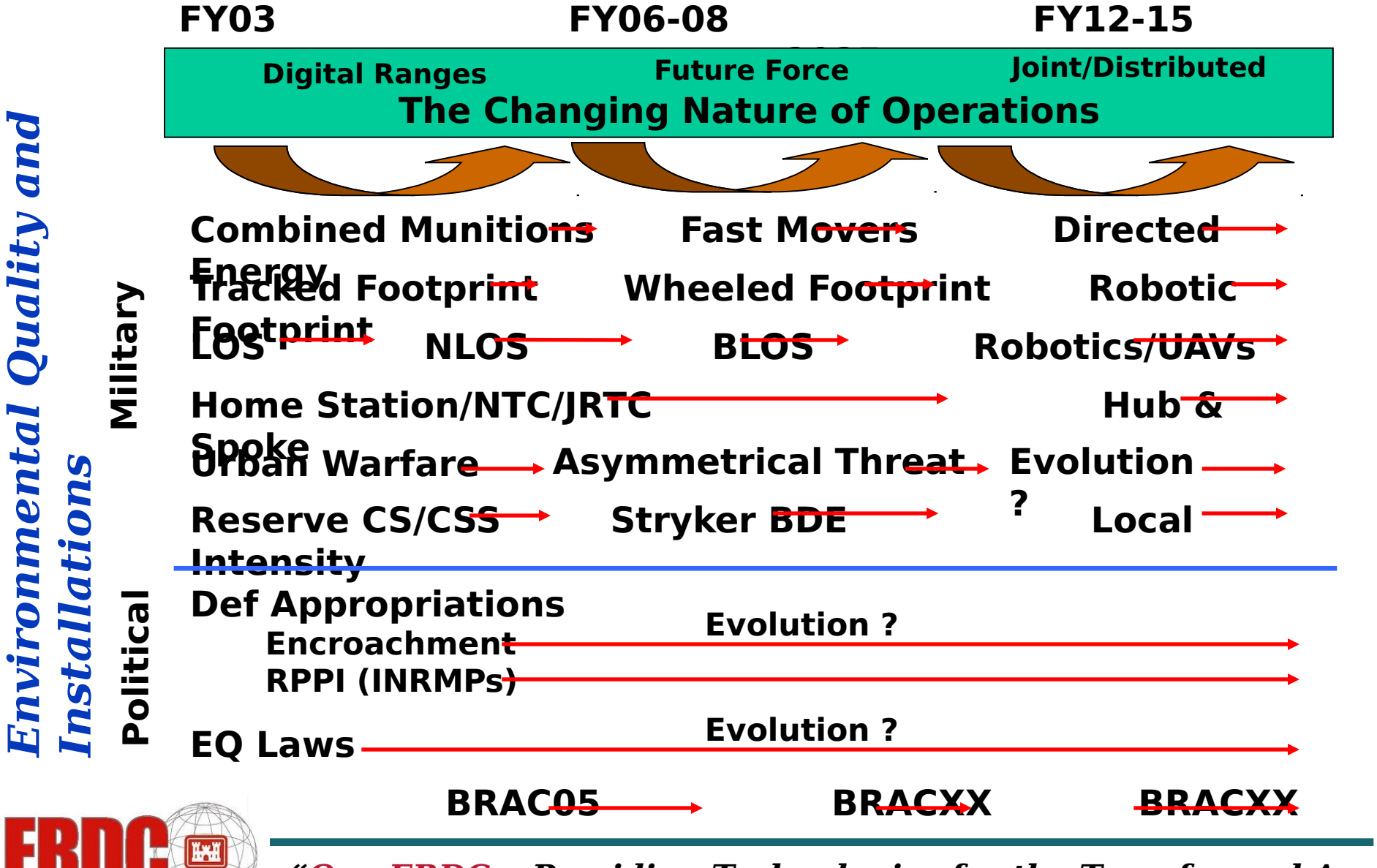
...providing technologies for the Transformed Army

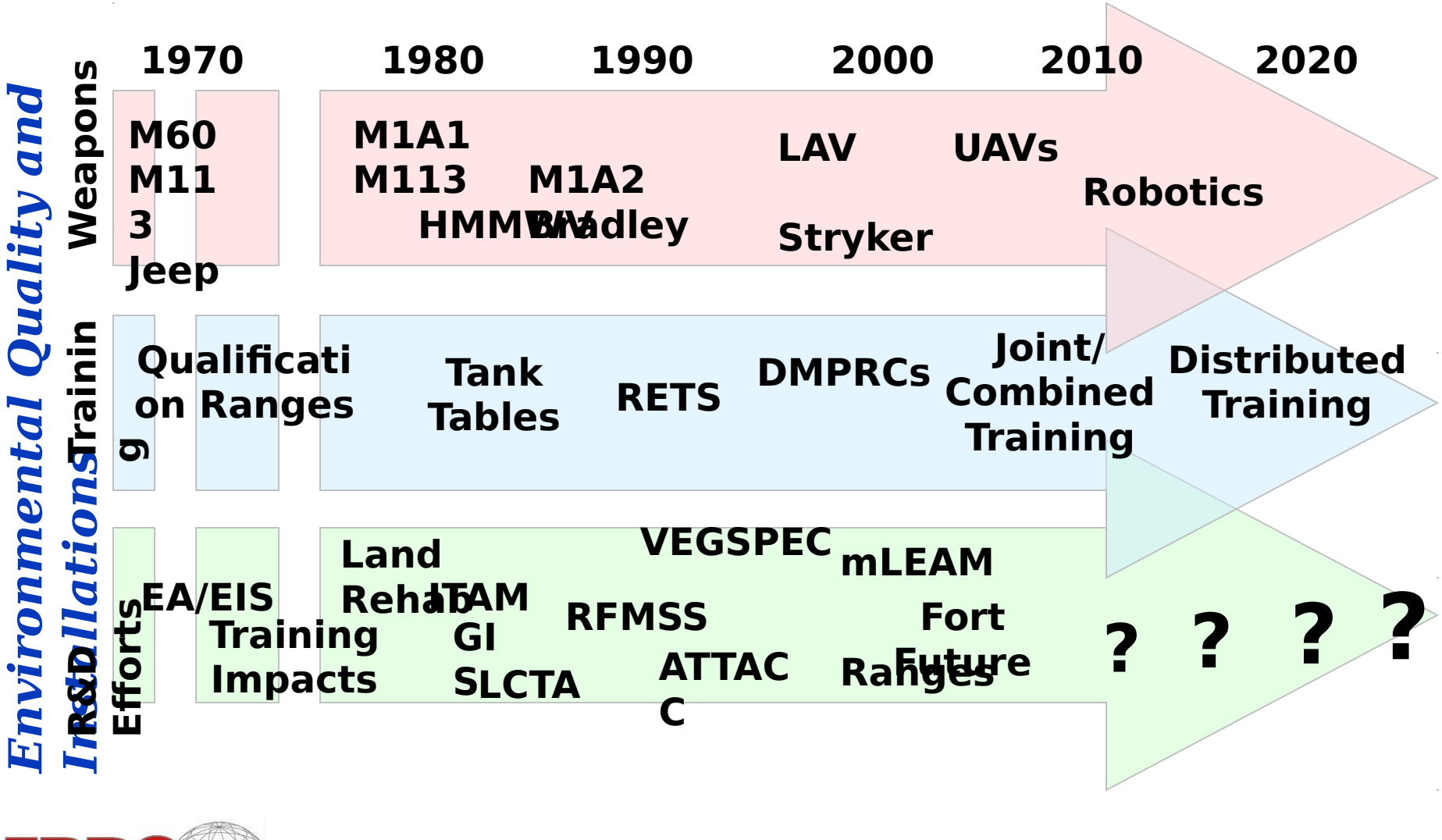
Joint/Distributed Training – Is This Where Training?



The Changing Nature of Operations



Where We Have Been and Where We are Going



Need to Shape our Future to Support the Military's Future

Environmental Quality and Installations

Where we need to get our Strategic Focus

Future Force: *"Home Station to Foxhole"*

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ERDC
Engineer Research and Development Center

As the Army Charts It’s Course
So Must EQ/I Research

Questions? and Comments?

Environmental Quality and Installations

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